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| FORM PTO-1390)<br>(REV. 10-2003)  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |  | ATTORNEY'S DOCKET NUMBER<br><b>029267.55488US</b> |  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |  |   |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)   |  |
|   |  |   |  | <b>10/510567</b>                                  |  |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/04489</b>  |  | INTERNATIONAL FILING DATE<br><b>9 April 2003</b>        |  | PRIORITY DATE CLAIMED<br><b>9 April 2002</b>      |  |
| TITLE OF INVENTION<br><b>Circuit Board Device for Information Apparatus, Multilayered Module Board and Navigation System</b>  |  |   |  |   |  |
| APPLICANT(S) FOR DO/EO/US<br><b>Hirohisa MIYAZAWA</b>   |  |   |  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |  |   |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office(RO/US)<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br>a. <input checked="" type="checkbox"/> is attached hereto.<br>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).<br>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input checked="" type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).<br><br><b>Items 11 to 20 below concern document(s) or information included:</b><br>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input checked="" type="checkbox"/> A preliminary amendment.<br>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input type="checkbox"/> A power of attorney and/or address letter.<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.<br>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).<br>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).<br>20. <input type="checkbox"/> Other items or information: |  |   |  |   |  |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.53)<br><b>10/510567</b> |  | INTERNATIONAL APPLICATION NO.<br>PCT/JP03/04489 |  | ATTORNEY'S DOCKET NUMBER<br><b>029267.55488US</b> |  |
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|   |              |              |           |                                  |  |
|---|--------------|--------------|-----------|----------------------------------|--|
| <b>21. <input checked="" type="checkbox"/> The following fees are submitted:</b><br><b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1) - (5)):</b><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO.....\$1110.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO.....\$950.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO<br>but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$790.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$750.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00<br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |              |              |           | <b>CALCULATIONS PTO USE ONLY</b> |  |
|   |              |              |           | \$ 950                           |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(e)).   |              |              |           | \$                               |  |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA | RATE      | \$                               |  |
| Total Claims  | 11 - 20 =    | 0            | x \$18.00 | \$                               |  |
| Independent Claims  | 3 - 3 =      | 0            | x \$86.00 | \$                               |  |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)  |              |              |           | + \$290.00                       |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |              |           | \$ 950                           |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br>are reduced by 1/2.   |              |              |           | \$                               |  |
| <b>SUBTOTAL =</b>   |              |              |           | \$ 950                           |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(f)).  |              |              |           | \$                               |  |
| <b>TOTAL NATIONAL FEE =</b>   |              |              |           | \$ 950                           |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |              |           | \$ 40                            |  |
| <b>TOTAL FEES ENCLOSED =</b>  |              |              |           | \$ 990                           |  |
|   |              |              |           | Amount to be refunded: \$        |  |
|   |              |              |           | charged: \$                      |  |

a. ☒ A check in the amount of **\$990** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. **05-1323** in the amount of \$\_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

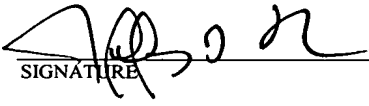
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. **05-1323**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed  
and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**Crowell & Moring LLP**  
**Intellectual Property Group**  
**PO Box 14300**  
**Washington**  
**DC**  
**20044-4300**

  
 SIGNATURE  
 Jeffrey D. Sanok  
 NAME  
 32,169  
 REGISTRATION NO.  
 DATE: October 8, 2004